



A global warming primer : answering your questions about the science, the consequences, and the solutions /

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FAQs.

FAQs.

Juvenile works.

FAQs.

Foires aux questions.

Monografía

Provides information about global warming, discussing the science, the consequences, and the possible solutions

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Título: A global warming primer answering your questions about the science, the consequences, and the solutions
Jeffrey Bennett

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Descripción física: 1 online resource illustrations (chiefly color)

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Contenido: Front Cover; Praise for A Global Warming Primer; Title Page; Half Title; Copyright; Dedication; Brief Table of Contents; Introduction; 1. The Basic Science -- Easy as 1-2-3; 2. The Skeptic Debate; 3. The Expected Consequences; 4. The Solution; 5. A Letter to Your Grandchildren; Acknowledgments; To Learn More; Index; About the Author; Detailed Table of Contents; Introduction; 1. The Basic Science -- Easy as 1-2-3; A Tale of Two Planets; Global Warming 1-2-3; Evidence for Fact 1 (Carbon Dioxide Makes Planets Warmer); Q: How do we know that Fact 1 is really a fact? Q: How do we know that Earth returns energy to space in the form of infrared light?Q: Why haven't you mentioned nitrogen and oxygen, which make up most of our atmosphere?; Q: Are there any other greenhouse gases I should know about?; Q: I've heard that "greenhouse effect" is a misnomer. Is that true?; Q: How do we know that greenhouse gases really trap heat?; Q: Why does Venus have so much carbon dioxide in its atmosphere?; Q: Does Mars also have a greenhouse effect?; Q: Why are you focusing on carbon dioxide, when there's more water vapor (also a greenhouse gas) in the atmosphere? Q: Can you be more precise

about how long added carbon dioxide remains in the atmosphere?Q: What about other greenhouse gases?; Q: What's the bottom line for Fact 1?; Evidence for Fact 2 (Human Activity Is Adding Carbon Dioxide to the Atmosphere); Q: How do we know that the atmospheric concentration of carbon dioxide is really rising?; Q: What are the small wiggles on the graph?; Q: Are measurements at Mauna Loa really representative of the whole world?; Q: Can we measure the carbon dioxide concentration further into the past? Q: How do we know the added carbon dioxide is a result of human activity, rather than natural sources?Q: Does all the carbon dioxide released by human activity add to the atmospheric concentration?; Q: Wait -- I heard that the amount of carbon dioxide released by human activity is very small compared to the amount released by natural sources like the oceans and living organisms. So why do you say that the natural sources aren't contributing to the increase?; Q: Is human activity also increasing the concentrations of other greenhouse gases?; Q: What's the bottom line for Fact 2? Global Warming 1-2-3: The Inevitable Conclusion2. The Skeptic Debate; Skeptic Claim 1: Earth Is Not Warming Up as Expected; Q: Is the world actually warming up?; Q: Are these temperature data reliable?; Q: How much uncertainty is there in the data in figure 2.1?; Q: Wait -- I've heard that global warming has stopped since the late 1990s. Is the world still warming up?; Q: Still, shouldn't there be some explanation for the slowing?; Q: I recently read of a data reanalysis suggesting that there was no slowing. What's up with that?

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